



Handwritten initials and date: 04/10

Patent
Docket No: 56899US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Bernard O. Geaghan et al.

Group Art Unit:

Serial No.: 10/052,695

Filed: January 18, 2002

Examiner:

For: TOUCH SCREEN WITH SELECTIVE TOUCH SOURCES

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

March 28, 2002
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Heather M. Sumter
Signature: Heather M. Sumter

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Preliminary to examination of the above-identified application, please enter the following amendments.

In the Specification

Please replace the paragraph that begins on page 7, line 31, with the following paragraph. A marked-up version of the original paragraph showing the changes being made is provided on a separate page.

--System 200 also includes power source 218 that produces a time varying signal $v(t)$. This signal may be a sign wave, square wave, or any time varying voltage. Amplifiers 222 drive the signal to each of the corners of conductive surface 213 through wires 224. The voltage $v(t)$ is driven from the output of each of amplifiers 222, so the entire surface of touch sensor 212 is at a uniform voltage. Current measuring devices 228 measure currents 226 that flow through the amplifier outputs. When conductive surface 213 is touched by, for example, a finger, capacitive contact is made and is represented by capacitor 230. Current flows from ground 232, through amplifiers 222, conductive

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